

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

pplicants

John L. Lautzenhiser et al.

Application No.

09/802,823 - Confirmation No. 1202

Filed

10 March 2001

For

PROPORTIONAL ACTUATOR CONTROL

OF APPARATUS

Art Unit

2837

Examiner

:

Docket ·

213-02US:0103

LETTER CITING ERRORS IN FILING RECEIPT

TC 2800 MAIL ROOM

SPR Spains 11/29/01

Customer Service Center Office of Initial Patent Examination United States Patent and Trademark Office Washington, D.C. 20231

Sir:

Applicants respectfully request correction of two errors in the Filing Receipt mailed June 15, 2001, as follows. The "Filing Fee Received" block should show four hundred sixty-three dollars (\$463), itemized as follows:

\$355 utility filing fee

108 total claims  $32 - 20 = 12 \times 9 = 108$ 

0 independent claims 3 - 3 = 0

\$463 total filing fee submitted (see PTO/SB/17, Fee Transmittal for FY 2001, copy enclosed)

#### CERTIFICATE OF MAILING under 37 CFR 1.8

I hereby certify that this correspondence is being mailed with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, Attention: Office of Initial Patent Examination, on July 2, 2001.

Wendell E. Miller, Reg. No. 26,572 Agent for Applicants

Signature of Person Mailing

July 2, 2001

Date Mailed

The Domestic Priority data should have inserted, as the second priority document, the following co-pending patent application:

AND CLAIMS BENEFIT OF 09/652,395 03/31/2000

for a total of four priority documents (see copy of Application Data Sheet submitted 03/10/2001 listing four priority patent applications).

Respectfully submitted,

Sonded Enill

Wendell E. Miller Agent for Applicants Registration No. 26,572

### **Enclosures:**

Copy of Filing Receipt mailed 6/15/2001, corrections identified in red, 3 pp
Copy of PTO/SB/17, Fee Transmittal for 2001, submitted 03/31/2001, 1 p
Copy of Application Data Sheet, submitted 03/31/2001, 2 pp
Return postcard

July 2, 2001

1506 Tippecanoe Drive, D-1 Warsaw, IN 46580

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COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231

							www.uspto.gov
APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/802,823	03/10/2001	2837	\$ 463	213- 02US:0103	17	32	3
Wendell E. Miller Patent Agent 1506 Tippecanoe Driv Warsaw, IN 46580	\ <del></del>	filing fe	e submitte		00000618762	5•	J NO. 1202

Date Mailed: 06/15/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

### Applicant(s)

John L. Lautzenhiser, Hamilton, IN; Lloyd L. Lautzenhiser, Nobel, CANADA;

### Domestic Priority data as claimed by applicant

THIS APPLN CLAIMS BENEFIT OF 60/188,431 03/10/2000 AND CLAIMS BENEFIT OF 60/166,240 11/18/1999 AND CLAIMS BENEFIT OF 60/152,826 09/07/1999

Foreign Applications

If Required, Foreign Filing License Granted 05/22/2001

Projected Publication Date: 09/20/2001

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\*

Please insert as second priorit patent application number: 09/652,395 3/31/2001

(See copy of Application Data Sheet submitted 3/10/2001 listing four priority patent applications)

RECEIVED

OCT -5 2001

TC 2800 MAIL ROOP

## Proportional actuator control of apparatus

**Preliminary Class** 

318

Data entry by: NGUYEN, TRAC

Team : OIPE

Date: 06/15/2001



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### PLEASE NOTE the following information about the Filing Receipt:

- The articles such as "a," "an" and "the" are not included as the first words in the title of application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 500 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents Office of Initial Patent Examination Customer Service Center Washington, DC 20231 Pag = 4074





## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS United States Patent and Trademark Office
Washington, D.C. 2023i
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**CONFIRMATION NO. 1202** 

SERIAL NUMBER 09/802,823	FILING DATE 03/10/2001 RULE	C	318	GRO	OUP ART UNIT 2837		ATTORNEY DOCKET NO. 213-02US:0103	
John L. Lautzenhiser, Hamilton, IN; Lloyd L. Lautzenhiser, Nobel, CANADA;  * CONTINUING DATA ********************************  THIS APPLN CLAIMS BENEFIT OF 60/188,431 03/10/2000 AND A DIV OF 09/652,395 08/31/2000 WHICH CLAIMS BENEFIT OF 60/152,826 09/07/1999 AND CLAIMS BENEFIT OF 60/166,240 11/18/1999  * FOREIGN APPLICATIONS ************************************								
Foreign Priority claimed	oreign Priority claimed  yes no  STATE OR SHEETS TOTAL INDEPENDENT  STATE OR SHEETS TOTAL INDEPENDENT  COUNTRY DRAWING CLAIMS							
Acknowledged Examiner's Signature Initials  ADDRESS  Wendell E. Miller  Patent Agent  1506 Tippecanoe Drive, D-I  Warsaw ,IN 46580								
FITLE Proportional actuator control of apparatus								
RECEIVED No	RECEIVED No to charge/credit DEPOSIT ACCOUNT			NT	All Fees  1.16 Fees (Filing)  1.17 Fees (Processing Ext. of time)  1.18 Fees (Issue)  Other  Credit			







EXPRESS MAIL No.: \*EF 354 106 586 US\*

Docket No.: 213-02US:0103

Date: March 10, 2001

### APPLICATION DATA SHEET (37 CFR 1.76)

plicant information:

Name:

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0694 State Road 427

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Citizenship:

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Wendell E. Miller

Address:

Telephone:

(3) Application Information:

Fax:

Title of the Invention:

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Patent Agent
1506 Tippecanoe Drive, D-l
Warsaw, IN 46580
(219) 267-2729
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PROPORTIONAL ACTUATOR CONTROL

OF APPARATUS

Classification:

Subclass:

Technology Ctr, Group Art Unit: 2107 Total Number of Drawing Sheets: 17 Drawing Figure for Publication:

38

Docket No.:

213-02US:0103

Type of Application:

Utility (nonprovisional)

(4) Representative Information:

Name: (A)

Wendell E. Miller

Registration Number:

26,572

Name: (B)

James M. Moore

Registration Number:

32,923

(5) Domestic Priority Information:

Application Number:

60/188,431

10 March 2000

Filing Date: Status:

Provisional Patent Application

Relationship:

Co-pending Provisional Patent Application

1 st Priority





Docket No.: 213-02US:0103

Date: March 10, 2001

2 nd Priority

(5) Domestic Priority Information, Cont'd:

Application Number:

Filing Date:

Status:

Relationship:

09/652,395 31 August 2000

Utility (nonprovisional)

Co-pending Patent Application

Application Number:

Filing Date:

Status:

Relationship:

60/166,240

18 November 1999

3rd Priority Provisional Patent Application

(Priority claimed by: 09/652,395 above)

(d) Application Number:

Filing Date:

Status:

Relationship:

60/152,826

07 September 1999

4th Priority Provisional Patent Application

(Priority claimed by: 09/652,395 above)

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Express Mail No.: \*EF 354 106 586 US\*

PTO/SB/17 (09-00)

Approved for use through 10/31/2002. OMB 0651-0032

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## FEE TRANSMITTAL for FY 2001

Patent less are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

\$)	50	•

Complete if Known				
Application Number				
Filing Date				
First Named Inventor	John L. Lautzenhiser.			
Examiner Name				
Group Art Unit				
Attorney Docket No.	213-02115-0103			

METHOD OF PAYMENT	•	117 303	Allotte Coast 110.   213-0205:0	/103			
		METHOD OF PAYMENT	FEE CALCULATION (continued)				
105   100   205   55   Surcharge - late filing fee or oain	indicated fees and credit any overpayments to:		Large Entity Small Entity Fee Fee Fee Fee Fee Fee Descripti	on Fee Pald			
Account Wendell E, Miller    Charge Any Apolicinal Fee Required   127 50 227 25 Surphage - late provisional filing (see or cover sheet)   17			· · · · · · · · · · · · · · · · · · ·	oatn			
Large Entity Small Entity   Fee Fee   Fe		Account Wandell F Miller		filing fee or			
Applicant cannal entity status   147 2.520   For filling a request for experie reasonmation   12920			139 130 139 130 Non-English specification				
112 920   112 920   Requesting publication of SIR prior to Examines action		Control of the contro	147 2,520 147 2,520 For filing a request for ex par	re reexamination			
Check   Credit card   Money   Other		See 37 CFR 1.27		R prior to			
115   110   215   55   Extension for reply within first month   116   380   216   195   Extension for reply within second month   116   380   216   195   Extension for reply within second month   116   380   216   345   217   345   Extension for reply within second month   118   1,390   218   695   Extension for reply within fund month   118   1,390   218   695		Check Cadil card Money Other	113 1,840* 113 1,840* Requesting publication of SII	relle F			
1. BASIC FILING FEE  Large Entity Small Entity Fee Fee Fee Fee Description Code (3) Code (3) Code (3) 101 710 201 355 Utility filing fee 107 490 207 245 Plant filing fee 108 710 208 355 Reissue filing fee 118 1,390 218 55 Fee Fee Fee Plant filing fee 119 310 219 155 Notice of Appeal 120 310 220 155 Filing e brief in support of an appeal 121 270 227 135 Request for oreit hearing 138 1,510 138 1,510 Petition to revive - unavoidable SUBTOTAL (1) (5) 355  2. EXTRA CLAIM FEES Fee from Extre Claims below Fee Paid 140 110 240 55 Petition to revive - unavoidable 141 1,240 241 620 Utility fissue fee (or reissue) 142 1,240 242 620 Utility issue fee (or reissue) 143 440 243 220 Design issue fee 144 1,240 241 620 Petition to revive - unintentional 158 203 9 Claims in excess of 20 169 80 209 40 Independent claims in excess of 3 164 270 204 135 Multiple dependent claims in excess of 3 164 270 204 136 Multiple dependent claims in excess of 3 165 210 9 "Reissue independent claims in excess of 20 and over original patent  SUBTOTAL (2) (5) 108  SUBNITED BY  Complete for Reissues, see above  SUBNITED BY  Complete for Reissues, see above  118 1,390 218 695 Extension for reply within flord month Extraction for reply within flort month 18 249 228 945 Extension for reply within flight month 18 18 1,390 218 695 Extraction for reply within flight month 18 18 1,390 218 695 Extraction for reply within flight month 18 18 1,390 218 695 Extraction for reply within flight month 18 18 1,390 218 695 Extension for reply within flight month 18 1,390 218 695 Extension for reply within flight month 18 1,190 218 55 Notice of Appeal 110 18 2,100 20 355 Reissue filing fee 110 18 2,100 20 355 Reissue filing fee 110 18 2,100 20 355 Reissue filing fee 120 310 220 155 Filing extension for reply within filith month 18 1,190 218 57 Fee function of a series of a support of an appeal 120 310 220 155 Filing extension for reply within filith month 121 120 20 155 Filing extension for reply within filith month 120 110 240 255 Petition to revive - unavoidable 121			115 110 +215 55 Extension for reply within fire	st month			
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118   1,390   218   695   Extension for reply within fourth month   128   1,890   228   945   Extension for reply within fourth month   128   1,890   228   945   Extension for reply within fifth month   128   1,890   228   945   Extension for reply within fifth month   128   1,890   228   945   Extension for reply within fifth month   128   1,890   228   945   Extension for reply within fifth month   128   1,890   228   945   Extension for reply within fifth month   128   1,890   228   945   Extension for reply within fifth month   128   1,890   228   945   Extension for reply within fifth month   128   1,890   228   945   Extension for reply within fifth month   128   1,890   228   945   Extension for reply within fifth month   128   1,890   228   945   Extension for reply within fifth month   128   1,890   228   945   Extension for reply within fifth month   128   1,890   228   945   Extension for reply within fifth month   128   1,890   228   945   Extension for reply within fifth month   128   1,890   228   945   Extension for reply within fifth month   128   1,890   228   945   Extension for reply within fifth month   128   1,890   228   945   Extension for reply within fifth month   128   1,890   228   945   Extension for reply within fifth month   128   1,890   228   945   Extension for reply within fifth month   128   1,890   228   945   Extension for reply within fifth month   128   1,890   228   945   Extension for reply within fifth month   128   1,890   249   24	Ì						
101 710 201 355   Utility filing fee   355     106 320 206 160 Design filing fee   119 310 219 155     107 490 207 245   Plant filing fee   120 310 220 155   Filing a brief in support of an appeal     108 710 208 355   Reissue filing fee   121 270 221 135   Request for orel hearing     112 150 214 75   Provisional filing fee   138 1.510   138 1.510     SUBTOTAL (1) (\$) 355     2. EXTRA CLAIM FEES		Fee Fee Fee Fee Description					
106 370 206 160 Design filing fee   119 310 219 155   Notice of Appeal   120 310 220 155   Filing a brief in support of an appeal   120 200		)	128 1,890 228 945 Extension for reply within fifth	n month			
107 490 207 245 Plant filing fee 108 710 208 355 Reissue filing fee 114 150 214 75 Provisional filing fee SUBTOTAL (1) (\$) 355  2. EXTRA CLAIM FEES  Extra Claims below Fee Pald Total Claims 32 2011 12 X 9 108 Independent 3 311 20 20 21 30 Petition to revive - unintentional Independent 3 311 20 20 21 30 Petitions to the Commissioner Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (6) Code (8) 103 18 203 9 Claims in excess of 20 104 270 204 135 Multiple dependent claims over original patent  109 80 209 40 Independent claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 108  SUBTOTAL (2) (\$) 108  SUBNITTED BY  120 310 220 155 Filing a brief in support of an appeal 121 270 221 135 Request for rore hearing 121 270 221 135 Request for ore hearing 123 151 138 1.510 Petition to Institute e public use proceeding 124 02 05 Petition to revive - unintentional 125 126 220 Petition to revive - unintentional 127 128 129 Petition to revive - unintentional 128 129 210 Petition to revive - unintentional 129 120 21 210 Petition to revive - unintentional 120 121 210 Petition to revive - unintentional 120 122 123 Petition to revive - unintentional 120 122 123 Petition to revive - unintentional 120 122 123 Petition to revive - unintentional 129 122 120 Petition to revive - unintentional 120 122 123 Petition to revive - unintentional 120 122 123 Petition to revive - unintentional 122 124 125 224 125 220 Petition to revive - unintentional 123 123 123 123 Petitions to the Commissioner 122 123 Petition to revive - unintentional 122 124 125 125 Petition to revive - unintentional 123 123 123 Petitions to the Commissioner 123 123 123 Petitions to the Commissioner 123 123 123 Petitions to the Commissioner 123 123 123 Petitions to the Commission of		333	119 310 219 155 Notice of Appeal				
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SUBTOTAL (1) (\$) 355  2. EXTRA CLAIM FEES    Extra Claims   Fee from   Fee Paid   140   110   240   55   Petition to revive - unavoidable   141   1,240   241   620   Petition to revive - unavoidable   141   1,240   241   620   Petition to revive - unavoidable   141   1,240   241   620   Petition to revive - unavoidable   141   1,240   241   620   Petition to revive - unavoidable   141   1,240   241   620   Petition to revive - unavoidable   142   1,240   242   620   Utility issue fee (or reissue)   143   440   243   220   Design issue fee   143   440   243   220   Design issue fee   143   440   243   220   Design issue fee   144   600   244   300   Plant Issue fee   144   600   244   300   Pla		· · · · · · · · · · · · · · · · · · ·	121 270 221 135 Request for oral hearing				
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2. EXTRA CLAIM FEES  2. EXTRA CLAIM FEES  Extra Claims Fee from below Fee Paid 142 1,240 242 620 Utility issue fee (or reissue)  Total Claims 32 20" = 12 X 9 = 108  Independent 3 3" = X = 108  Independent 3 3" = X = 108  Large Entity Small Entity  Fee Fee Description  Code (5) Code (5)  103 18 203 9 Claims in excess of 20  104 270 204 135 Multiple dependent claims in excess of 3 104 270 204 135 Multiple dependent claims in excess of 3 109 80 209 40 Reissue independent claims over original patent over original patent SUBTOTAL (2)  SUBTOTAL (2)  SUBMITTED BY  Petition to revive - unintentional 142 1,240 242 620 Utility issue fee (or reissue)  Design issue fee  143 440 243 220 Design issue fee  144 600 244 300 Plant Issue fee  145 124 240 241 820 Plant Issue fee  146 00 244 300 Plant Issue fee  147 122 130 122 130 Plant Issue fee  148 1,240 241 820 Plant Issue fee Obscillation is pain issue fee  149 120 240 121 130 Plant Issue fee  140 241 820 Plant Issue fee Obscillation is pain issue fee  140 241 820 Plant Issue fee Obscillation is pain issue fee  140 241 820 Plant Issue fee Obscillation is pain issue fee  142 1,240 242 620 Utility issue fee (or reissue)  Plant Issue fee  142 1,240 241 820 Plant Issue fee  143 440 243 220 Design issue fee  144 600 244 300 Plant Issue fee  145 145 240 241 820 Plant Issue fee  146 00 244 300 Plant Issue fee  147 122 130 122 130 Plant Issue fee  148 600 244 300 Plant Issue fee  149 712 240 350 Plant Issue fee  140 Submitsion of Information Disclosure Stmill Issue fee  140 Submitsion of Information Disclosure Stmill Issue fee  140 Submitsion of Information Disclosure Stmill Issue fee  142 1,240 242 620 Utility issue fee (or reissue)  142 1,240 241 820 Design issue fee  142 1,240 241 820 Design issue fee  143 440 00 Plant Issue fee  144 600 244 300 Plant Issue fee  145 125 240 Submitsion of Information Disclosure Stmill Issue fee  147 127 240 355 Filing a submitsion of Information Disclosure Stmill Issue fee  149 710 249 355 Filing a submitsion of Information of Information of Inform			140 110 240 55 Petition to revive - unavoidable				
2. EXTRA CLAIM FEES    Extra Claims   See from   Fee Paid		SUBTOTAL (1) (\$) 355	141 1,240 241 620 Petition to revive - unintention	2			
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Total Claims Independent    3		Extra Claims below Fee Paid	143 440 243 220 Design issue fee				
Multiple Dependent  Large Entity Small Entity Fee Fee Fee Fee Fee Pee Description Code (5) Code (5) Code (5) Code (5) Code (5) Code (6) Co	1		144 600 244 300 Plant issue fee	3 0 ==			
Large Entity Small Entity  Fee Fee Fee Fee Fee Fee Fee Description  Code (5) Code (5)  103 18 203 9 Claims in excess of 20  102 80 202 40 Independent claims in excess of 3  104 270 204 135 Multiple dependent claim, if not paid  109 80 209 40 "Reissue Independent claims over original patent  110 18 210 9 "Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 108  SUBMITTED BY  126 240 126 240 Submission of Information Disclosure Similar 40 Recording each patent assignment per property (times number of propentes)  40 Fee Code (5) Code (5)  146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a))  149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))  179 710 279 355 Request for Continued Examination (RCE)  169 900 169 900 Request for expedited examination of a design application  Other fee (specify)  Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)40.00	-		122 130 122 130 Petitions to the Commissioner				
Large Entity Small Entity  Fee Fee Fee Fee Fee Fee Fee Description  Code (5) Code (5)  103 18 203 9 Claims in excess of 20  102 80 202 40 Independent claims in excess of 3  104 270 204 135 Multiple dependent claim, if not paid  109 80 209 40 "Reissue Independent claims over original patent  110 18 210 9 "Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 108  SUBMITTED BY  126 240 126 240 Submission of Information Disclosure Similar 40 Recording each patent assignment per property (times number of propentes)  40 Fee Code (5) Code (5)  146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a))  149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))  179 710 279 355 Request for Continued Examination (RCE)  169 900 169 900 Request for expedited examination of a design application  Other fee (specify)  Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)40.00	-	Multiple Dependent	123 50 123 50 Petitions related to provisional	applications 8			
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	_	SUBMITTED BY		applicable)			

Submitted By

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Date March 10, 2001

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